

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the above-identified application:

Listing of Claims

1-52 (Canceled).

53 (Canceled).

54-64 (Canceled).

65 (Canceled).

66-98 (Canceled).

99-104 (Canceled)

105. (New) An information providing apparatus comprising:

a reception unit adapted to receive electronic mail data;

a determination unit adapted to determine whether a document file is attached to electronic mail data received by said reception unit;

a generation unit adapted to, when said determination unit determines that a document file is attached, generate text string data representing an abstract of a document indicated by the document file;

a first sending unit adapted to send the document file attached to the electronic mail data received by said reception unit to a Web server; and

a second sending unit adapted to send the abstract generated by said generation unit to a communication terminal when said first sending unit sends the document file.

106. (New) The apparatus according to claim 105, wherein the communication terminal includes a portable telephone.

107. (New) The apparatus according to claim 105, wherein said second sending unit is operable to send information indicating that the document file attached to the electronic mail data have been sent to the web server by said first sending unit.

108. (New) The apparatus according to claim 105, wherein said generation unit is operable to search for a generation device appropriate for the document file based on an extension of the document file.

109. (New) The apparatus according to claim 105, further comprising:

a second determination unit adapted to determine whether the number of characters of mail text of the electronic mail data exceeds the number of displayable characters of the communication terminal; and

a second generation unit adapted to, when said second determination unit determines that the number of characters of the mail text exceeds the number of displayable characters, generate abstract of the mail text of the electronic mail data,

and wherein said second sending unit further operable to send the abstract of the mail text generated by said second generation unit to the communication terminal.

110. (New) An information providing method comprising:

a reception step of receiving electronic mail data;

a determination step of determining whether a document file is attached to electronic mail data received at said reception step;

a generating step of, when said determination step determines that a document file is attached, generating text string data representing an abstract of a document indicated by the document file;

a first sending step of sending the document file attached to the electronic mail data received by said reception step to a Web server; and

a second sending step of sending the abstract generated in said generation step to a communication terminal.

111. (New) The method according to claim 110, wherein the communication terminal includes a portable telephone.

112. (New) The method according to claim 110, wherein said second sending step sends information indicating that the document file attached to the electronic mail data have been sent to the Web server in said first sending step.

113. (New) The method according to claim 110, wherein said generation step searches for a generation device appropriate for the document file based on an extension of the document file.

114. (New) The method according to claim 110, further comprising:

a second determination step of determining whether the number of characters of mail text of the electronic mail data exceeds the number of displayable characters of the communication terminal; and

a second generation step of, when said second determination means determines that the number of characters of the mail text exceeds the number of displayable characters, generating abstract of the mail text of the electronic mail data,

and wherein said second sending step further sends the abstract of the mail text generated by said second generation step to the communication terminal.

115. (New) A computer program for causing a computer to execute the information providing method of claim 110.

116. (New) A computer readable medium storing a computer program for causing a computer to execute the information providing method of claim 110.